

Attorney Docket No.: KBI-0022
Inventors: Ranganathan, Natarajan
Serial No.: 10/803,211
Filing Date: March 18, 2004
Page 2

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

Claim 1 (original): A composition for augmenting kidney function in a subject comprising at least one probiotic bacteria wherein said probiotic bacteria reduces creatinine and BUN levels in the subject.

Claim 2 (original): The composition of claim 1 further comprising a gelatin coating.

Claim 3 (original): The composition of claim 1 wherein said at least one probiotic bacteria is *Lactobacillus acidophilus*, *L. bulgaricus*, *L. casei*, *L. rhamnosus*, *L. fermentum*, *L. salivaro*es, *L. brevis*, *L. plantarum*, *L. ruteri*, *B. pasteurii*, *S. thermophilus*, *Bacillus sporogenes*, *Bifidobacterium adolescentis*, *B. infantis*, *B. longum*, *B. thermophilus* or *B. bifidum*.

Claim 4 (original): The composition of claim 1 further comprising at least one vitamin component and at least one mineral component.

Claim 5 (original): A composition for treatment of renal failure comprising a selected bacteria which converts nitrogenous waste into non-toxic compounds *in vivo*.

Attorney Docket No.: **KBI-0022**
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Serial No.: **10/803,211**
Filing Date: **March 18, 2004**
Page 3

Claim 6 (original): A method of inhibiting build up of toxins and metabolic wastes and overgrowth of undesirable bacteria in a subject comprising administering to a subject the composition of claim 1.

Claim 7 (original): The method of claim 6 wherein the composition is administered to a subject to alleviate the symptoms of uremia associated with toxic metabolites flowing into the bowel of patients afflicted with cancer due to cancer therapy drugs.

Claim 8 (original): The method of claim 6 wherein the composition is administered to a subject to alleviate the increased creatinine or BUN levels in subjects undergoing HIV or AIDS chemotherapy treatment.

Claim 9 (original): The method of claim 6 wherein the composition is administered to a subject to alleviate the increased creatinine or BUN levels in subjects with metabolic syndrome.

Claim 10 (original): The method of claim 6 wherein the composition is administered to a subject to alleviate the symptoms of increased creatinine or BUN levels in subjects consuming high protein and low carbohydrate diets.

Claim 11 (original): A method of restoring and maintaining gastrointestinal health comprising administering to a subject an effective amount of the composition of claim 1.

Attorney Docket No.: KBI-0022
Inventors: Ranganathan, Natarajan
Serial No.: 10/803,211
Filing Date: March 18, 2004
Page 4

Claim 12 (original): A method of to delay or eliminate the progression of metabolic diseases comprising administering to a subject a composition for augmenting kidney function in the subject comprising at least one probiotic bacteria wherein said probiotic bacteria reduces creatinine and BUN levels in the subject.

Claim 13 (original): The composition of claim 1 wherein the probiotic bacteria comprise *Lactobacillus acidophilus*, *S. thermophilus*, and *B. longum*.